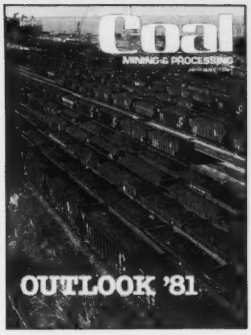
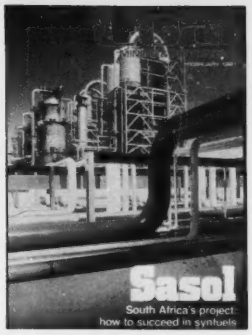
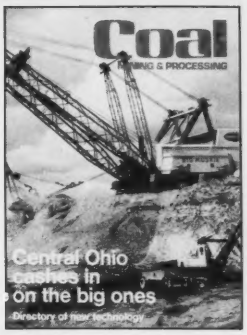
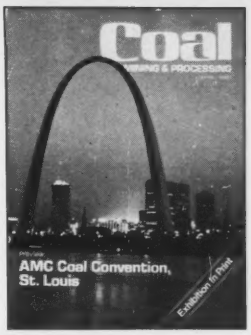








Coal Mining & Processing's Annual Index for 1981 (Vol. 18)

A

AMC Coal Convention preview, April 52
AMC preliminary program, April 54
ATRS systems come of age, October 42
Absenteeism: The death of productivity (Management), April 178
Acid rain: Is the disease worse than the cure? (Comment), February 9
Adam, Bruce Ormsby
—Mine rescue in South Africa: Training and team effort, October 68
Advantages of the new rail law (NCA Hotwire), March . 27
Alderman, John K.
—Evaluating flotation washability data, June 70
Arch Mineral pursues multiple dipping seams, July . . . 50
Avoiding V-belt tension headaches, August 58

B

Basics in grounding, The, June 60
Belt fasteners: Conveying a new potential, September . 106
Brimm, B. and Lawton, J.T.
—Inland No. 2 plant conquers high ash, September . 54
British research promotes mine safety, December 48
Britton, Scott G.
—Cutting the costs of mine support systems, December 56
Buntain, David
—British research promotes mine safety, December . 48
—Current British developments in haulage and transport, May 72
Bureau of Mines builds to meet research challenges, October 58

C

CM & P supports President's budget cuts (Comment), May 9
Carbon monoxide detectors revolutionize fire detection, April 118
Carter, Russell A.
—McKinley Mine expansion reaches 5 milion-typ goal, April 104
Central Ohio is big on coal, March 39
Christman, Alan M.
—Basics in grounding, The, June 60
Cleaning up the Clean Air Act (Comment), August 9
Coal conference and Expo VI preview, October 79
Coal handling and the air pollution confusion, July 82
Coal industry supports President's budget cuts (NCA Hotwire), May 37
Coal talks come to terms, March 68
Coal, the economy and public policy (NCA Hotwire), December 39
Communications trends ease underground problems, December 60
Consumer's lament, The, (Comment), December 9
Conventional mining: Almost forgotten but still useful, December 42
Coping with your superior's incompetence (Management), May 134
Cora Coal Terminal, The, November 34
Courtney, Welby G.
—Preventing frictional ignitions, January 48
Current British developments in haulage and transport, May 72
Cutting costs of mine support systems, December 56

D

Degasification for safety and profit, March 62
Divide and delegate (Management), September 142
DoE Secretary Edwards outlines energy policy, July . . . 42
Does your mechanical sampler do what it's supposed to? December 71

E

Economic stabilization: Key to greater success (NCA Hotwire), April 37
Elliott, William W.
—ATRS systems come of age, October 42
Encouraging trends for 1982 (NCA Hotwire), November 29
Engine oil: A high ticket item, June 46
Erhart, Pamela P.
—Off-the-job safety programs keep company costs down and save lives, October 54
Evaluating flotation washability data, June 70
Exhibition in print, April 56
Exhibition in print, October 82

F

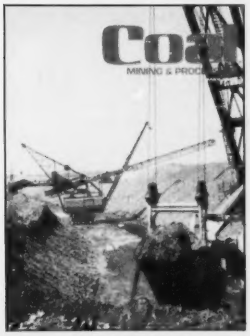
Fluidized bed combustion at Georgetown University, September 84
Freeman United's fidelity to the land, May 48

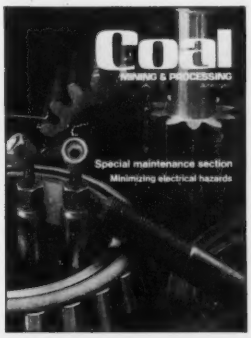
G

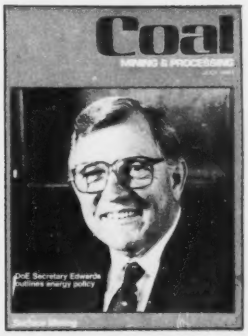
Gamble, Robert L. and McCloy, William J.
—Fluidized bed combustion at Georgetown University, September 84
Golden Oak's field goal: Double production, September . 94
Go West young man (Comment), October 9
Guccione, Eugene
—DoE Secretary Edwards outlines energy policy, July 42
—Outlook '81, A better year ahead, January 60
—Pro and con: Prevention of Significant Deterioration, August 34
—Pro and con: Visibility Protection, September . . . 70
Guerin, Mark R.
—Coal talks come to terms, March 68
—Merco's record maintenance, January 44
—Outlook. A better year ahead, January 60
—Reclamation advances in the Midwest, February . . 46
—Severance tax: One state's ceiling is another state's floor, July 74
Gy, Pierre, M.
—Does your mechanical sampler do what it's supposed to? December 71
—Sampling or gambling? September 62

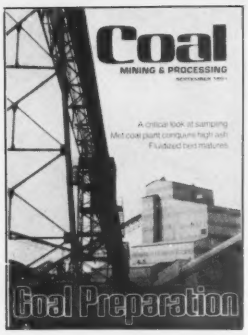
H

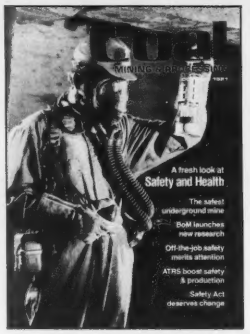
Haulage growth follows feeder-breakers, May 58
Herhal, Albert J.
—Conventional mining: Almost forgotten but still useful, December 42
—Rise in regulatory activity and the fall in surface productivity, July 70
Herhal, Albert J., Minnucci, Chris and Britton, Scott G.
—Industrial engineering: What you can do now to increase productivity, January 38
Herhal, Albert J., Minnucci, Chris and Britton, Scott G.
—Industrial engineering: What you can do now to increase productivity, February 66

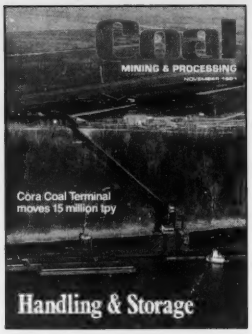


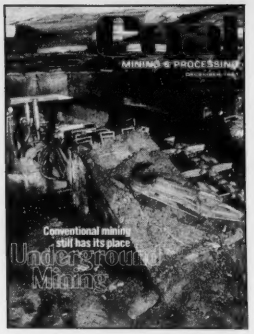












Herhal, Albert J. and Minnucci, Chris A.
—Safety Act's ventilation rules: Needless and costly, The, October . . . 72
Holtzberg, Joseph
—Carbon monoxide detectors revolutionize fire detection, April . . . 118
How NEMA standards help you identify electric motors' efficiency, September . . . 110
How to evaluate the economics of dragline stripping alternatives, July . . . 60
How to fuel-proof your haulers, May . . . 80
How to lighten trucks to haul bigger payloads, July . . . 90
How transportation costs affect exports (NCA Hotwire), June . . . 35
Hrebar, Matthew J. and Sherer, Hubert E.
—How to evaluate the economics of dragline stripping alternatives, July . . . 60
Hydraulic hoses: An ounce of prevention, August . . . 54

I

Industrial engineering: What you can now to increase productivity, January . . . 38
Industrial engineering: What you can now to increase productivity, February . . . 66
Inland No. 2 plant conquers high ash, September . . . 54
Invitation to CM & P readers, An (Comment), January . . 8
It does not make sense, July . . . 78
It's time for eminent domain for pipelines (NCA Hotwire), August . . . 31

J

Johnson, Albert W.
—Western coal: A different approach, November . . . 44
Johnson, R.W.
—South Africa's Sasol project: How to succeed in synfuels, February . . . 42

K

Keepin' bearings rollin', June . . . 52
Keinz, John R.
—How NEMA standards help you identify electric motors' efficiency, September . . . 110

L

Lambert Coal beats sandstone parting, August . . . 42
Landrum, Jack
—Hydraulic hoses: An ounce of prevention, August . 54
Let's liquidate the synfuels program (Comment), March . 9
Lubricant conservation program promises quick pay-back, June . . . 48

M

MSHA Academy: America's mine safety college, October 46
Making time to play (Management), July . . . 130
Man ahead of his time, A (Comment), November . . . 9
Managing tire costs, June . . . 53
Mason, Richard H.
—Central Ohio is big on coal, March . . . 39
—Golden Oak's field goal: Double production, Sept. . 94
—Haulage growth follows feeder-breakers, May . . . 58
—Lambert Coal beats sandstone parting, August . . . 42
—New methods speed shaft-making, February . . . 54
—Royal Diamond: A slope mine that produces met and steam coal, April . . . 98
McKinley Mine expansion reaches 5 million-tpy goal, April . . . 104
Mendola, Chuck and Simala, John
—Patents: The father of invention, March . . . 58
Merco's record maintenance, January . . . 44
Mine rescue in South Africa: Training and team effort, October . . . 68
Musschoot, Albert
—Vibratory feeders match up to new demands, Nov. . 49

N

New ground fault protection system minimizes electrical shock hazards, June . . . 65
New methods speed shaft-making, February . . . 54
Nickeson, Floyd H.
—Petrography: The science of coal marketing, Feb. . . 60
Noble, George
—Coal handling and the air pollution confusion, July . 82

O

Off-the-job safety programs keep company costs down and save lives, October . . . 55
Outlook '81: A better year ahead, January . . . 60

P-Q

Patents: The father of invention, March . . . 58
Peng, Syd S. and Cheng, S.L.
—Predicting surface subsidence, May . . . 84
Petrography: The science of coal marketing, February . 60
Pity the poor editor (Comment), September . . . 9
Policy initiatives now for fast coal growth (NCA Hotwire), February . . . 37
Predicting surface subsidence, May . . . 84
Preparation/Processing
—Avoiding V-belt tension headaches, August . . . 58
—Belt fasteners: Conveying a new potential, Sept. . 106
—Coal handling and the air pollution confusion, July 82
—Cora Coal Terminal, The, November . . . 34
—Does your mechanical sampler do what it's supposed to? December . . . 71
—Evaluating flotation washability data, June . . . 70
—Fluidized bed combustion at Georgetown University, September . . . 84
—Inland No. 2 plant conquers high ash, September . 54
—Petrography: The science of coal marketing, Feb. . 60
—Resistant material retrofit overcomes abrasion and corrosion, April . . . 110
—Sampling or gambling?, September . . . 62
—South Africa's Sasol project: How to succeed in synfuels, February . . . 42
—Update of the ETSI Pipeline, An, November . . . 56
—Vibratory feeders match up to new demands, Nov. . 49
—Western coal: A different animal, November . . . 44
Preparing diesel equipment for winter operations, Dec. . 64
Preventing frictional ignition, January . . . 48
Pro and con: Prevention of Significant Deterioration, August . . . 34
Pro and con: Visibility Protection, September . . . 70

R

Reclamation advances in the Midwest, February . . . 48
Resistant material retrofit overcomes abrasion and corrosion, April . . . 110
Revising the Clean Air Act (NCA Hotwire), October . . 34
Rise in regulatory activity . . . and the fall in surface productivity, The, July . . . 70
Royal Diamond: A slope mine that produces met and steam coal, April . . . 98

S

Safest underground mine, The, October . . . 38
Safety Act's ventilation rules: Needless and costly, The, October . . . 72
Sampling or gambling?, September . . . 62
Schmitz, Richard A. and Price, David P.
—Cora Coal Terminal, The, November . . . 34
Scott, Frank E.
—Bureau of Mines builds to meet research challenges, October . . . 58
—Degasification for safety and profit, March . . . 62
—MSHA Academy: America's mine safety college, October . . . 46
—New ground fault protection system minimizes electrical shock hazards, June . . . 65
Severance tax: One state's ceiling is another state's floor, July . . . 74
Shumate, Mack H.
—It does not make sense, July . . . 78
Smiley, Carl H.
—Engine oil: A high ticket item, June . . . 46
—How to fuel-proof your haulers, May . . . 80
—How to lighten trucks to haul bigger payloads, July 90
—Managing tire costs, June . . . 53
—Preparing diesel equipment for winter operations, December . . . 64
Smith, Irene J.
—Coal conference and Expo VI preview, October . . 79
South Africa's Sasol project: How to succeed in synfuels, February . . . 42
Sprouls, Mark W.
—Arch Mineral pursues multiple dipping seams, July 50
—Freeman United's fidelity to the land, May . . . 48
—Safest underground mine, The, October . . . 38
Strike as negotiation, The (Comment), June . . . 9
Surface mine comes of age, A, August . . . 50
Surface Mining
—Surface mine comes of age, A, August . . . 50
—Arch Mineral pursues multiple dipping seams, July 50
—Central Ohio is big on coal, March . . . 39
—Freeman United's fidelity to the land, May . . . 48
—Golden Oak's field goal: Double production, Sept. . 94
—How to evaluate the economics of dragline stripping alternatives, July . . . 60
—How to fuel-proof your haulers, May . . . 80
—How to lighten trucks to haul bigger payloads, July 90
—MSHA Academy: America's mine safety college, October . . . 46
—Managing tire costs, June . . . 53
—McKinley Mine expansion reaches 5 million-tpy goal, April . . . 104
—Merco's record maintenance, January . . . 44
—Preparing diesel equipment for winter operations, December . . . 64
—Reclamation advances in the Midwest, February . . 48
—Rise in regulatory activity and the fall in surface productivity, The, July . . . 70
Synfuels? Yes, but not with my money (Comment). July . 9

T

Thinking the unthinkable (Comment), April . . . 9
Third annual directory of new technology, March . . . 47
Trade-offs in Clean Air (NCA Hotwire), January . . . 16

U-V

Underground Mining
—ATRS systems come of age, October . . . 42
—British research promotes mine safety, December . 48
—Carbon monoxide detectors revolutionize fire detection, April . . . 118
—Communications trends ease underground problems, December . . . 60
—Conventional mining: Almost forgotten but still useful, December . . . 42
—Current British developments in haulage and transport, May . . . 72
—Cutting costs of mine support systems, December . 56
—Degasification for safety and profit, March . . . 62
—Haulage growth follows feeder-breakers, May . . . 58
—Industrial engineering: What you can do now to increase productivity, January . . . 38
—Industrial engineering: What you can do now to increase productivity, February . . . 66
—Lambert Coal beats sandstone parting, August . . . 42
—Mine rescue in South Africa: Training and team effort, October . . . 68
—New methods speed shaft-making, February . . . 54
—Predicting surface subsidence, May . . . 84
—Preventing frictional ignitions, January . . . 48
—Royal Diamond: A slope mine that produces met and steam coal, April . . . 98
—Safest underground mine, The, October . . . 38
—Safety Act's ventilation rules: Needless and costly, The, October . . . 72
Update of the ETSI Pipeline, An, November . . . 56
Vibratory feeders match up to new demands, November . 49
Voige, Raymond C.
—Communications trends ease underground problems, December . . . 60

WXYZ

Wasp, Edward J.
—Update of the ETSI Pipeline, An, November . . . 56
Western coal: A different approach, November . . . 44
What's needed to bolster exports (NCA Hotwire), July . 43
Why we favor gas deregulation (NCA Hotwire), July . . 31